Index of Claims

| Application/Control N | 0 |
|-----------------------|---|
|-----------------------|---|

10/058,903 Examiner

Devesh Khare

Applicant(s)/Patent under Reexamination

**HURLEY ET AL.** 

Art Unit

1623

|   | √ | Rejected |
|---|---|----------|
| l | = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Ζ | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim         |  |          |   | Da       | te       |          |               |        | Cla      | aim      |          |          |           | Date                |                 |   |        | CI    | aim        |                   |           |                   | Dat     | е             |                |                         |
|----------|-------------|--|----------|---|----------|----------|----------|---------------|--------|----------|----------|----------|----------|-----------|---------------------|-----------------|---|--------|-------|------------|-------------------|-----------|-------------------|---------|---------------|----------------|-------------------------|
|          | <del></del> | 7                                      |          |   |          |          |          |               | ]      |          | ᆈ        |          |          |           |                     |                 |   | 7      |       | 16         |                   |           | Т                 |         |               |                |                         |
| Final    | Original    | 20/21/01                               |          |   |          |          |          |               |        | Final    | Original |          |          |           | l                   | i               |   |        | Final | Original   |                   | -         |                   |         |               |                |                         |
| 這        | ř           | <u>₹</u>                               |          |   |          |          |          |               |        | ᄩ        | )rig     |          |          |           |                     |                 |   |        | 這     | Zi j       |                   | - 1       | İ                 | 1       |               |                |                         |
|          |             | 15                                     |          |   |          |          |          |               | ]      |          |          |          |          |           |                     |                 |   |        |       | כ          |                   |           |                   |         |               |                |                         |
|          | 1           |  |          |   |          |          |          |               |        |          | 51       |          |          |           |                     |                 |   | ]      |       | 101        |                   |           |                   |         |               |                |                         |
| ١        | 2           | =                                      |          |   |          |          |          |               |        |          | 52       |          |          |           |                     |                 |   |        |       | 102        |                   |           |                   |         |               |                |                         |
| 2        | 3           | 11 11                                  |          |   |          |          |          |               |        |          | 53       |          |          |           |                     |                 |   |        |       | 103        |                   |           |                   |         |               |                |                         |
| 3        | 4           | =                                      | Щ        |   |          |          |          |               |        |          | 54       |          |          |           |                     |                 |   | _      |       | 104        |                   | $\perp$   |                   | $\perp$ |               |                |                         |
|          | 5           |  |          |   |          | <u> </u> | Ш        |               |        |          | 55       |          |          |           |                     |                 |   | _      |       | 105        |                   |           | _ _               |         |               |                |                         |
|          | 6           |  | Ш        |   |          |          |          |               |        |          | 56       |          |          | Ш         |                     | $\perp$         |   | _      |       | 106        |                   | $\perp$   | $\perp$           | $\perp$ | Щ             |                |                         |
|          | 7           | ┖                                      | Ш        | _   |          |          | Ш        |               |        |          | 57       |          |          | Ш         | $\perp$             | $\perp$         | $oxed{oxed}$                              | _      |       | 107        | Ш                 | $\perp$   |                   | 1       | Ш             | $\perp$        |                         |
| 4        | 8           | =                                      | Ш        | _   |          |          | Ш        |               |        |          | 58       |          |          | $\perp$   |                     | $\perp$         |   | _      |       | 108        | Ш                 | $\perp$   |                   | _       | Ш             |                |                         |
| 5        | 9           | =                                      | Ш        | _   | _ _      | _        |          |               |        |          | 59       |          |          | $\perp$   | Щ.                  |                 |   | _      |       | 109        |                   |           |                   | _       |               |                | _ _                     |
|          | 10          | ــــــــــــــــــــــــــــــــــــــ | Щ        | _   | 4        |          | <u> </u> | _             | 1      | L        | 60       |          | $\perp$  | 1         |                     | $\perp$         |   | _      |       | 110        |                   | $\perp$   | $\perp$           | $\perp$ | Щ             | $\Box$         | $\bot$                  |
|          | 11          | ┞                                      | Щ        | 4   |          | 4        |          | _             | 1      |          | 61       | $\perp$  |          | Ш         | $\Box$              | $\perp$         | $\sqcup \! \! \! \! \! \perp$             | _      |       | 111        | Ш                 | _         | $\bot$            | _       | Ш             | $\Box$         | $\dashv$                |
|          | 12          | <u> </u>                               |          | _   | 4        | 4_       | $\sqcup$ | _             | 4      |          | 62       | $\perp$  | _        | $\perp$   | $\sqcup \downarrow$ | $\perp$         | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ | 4      |       | 112        | $\square$         | 4         | 4                 | 4       | Щ             |                |                         |
|          | 13          | $\vdash$                               | Ш        | $\perp$   | $\perp$  | $\perp$  | $\sqcup$ |               | 4      |          | 63       | $\perp$  | $\perp$  | $\sqcup$  | $\perp$             | $\perp$         | $oxed{oxed}$                              | 4      |       | 113        | $\sqcup$          | $\perp$   | $\bot$            | $\perp$ | Щ             | $\perp$        | $\perp$                 |
|          | 14          | _                                      | Н        | $\perp$   | _        | <u> </u> | $\sqcup$ |               | 4      |          | 64       |          | -        |           |                     | -               |   | 4      |       | 114        |                   | $\dashv$  |                   | 1       | Ш             | $\dashv$       | 4                       |
|          | 15          | <u> </u>                               |          | -   |          | 1_       | $\sqcup$ |               | 4      |          | 65       | -        | 4        | $\perp$   |                     | -               |   | 4      |       | 115        | $\sqcup$          | 4         | $\perp$           | 4       | $\square$     | $\perp$        |                         |
| <u> </u> | 16          | ļ                                      | Ш        | $\perp$   | $\perp$  | 1        |          | _ _           | 1      | $\vdash$ | 66       | $\perp$  | $\perp$  | $\sqcup$  | $\sqcup$            | +               | $\vdash \vdash$                           | 4      |       | 116        |                   | - -       | - -               | -       | $\square$     |                | +                       |
| <u> </u> | 17          | <u> </u>                               | $\sqcup$ | $\perp$   | +        | +        | $\sqcup$ |               | 1      |          | 67       | -        |          | 4         |                     |                 |   | 4      |       | 117        | $\sqcup$          | _         | _                 | 1       | Щ             |                |                         |
|          | 18          | <u> </u>                               | Ш        | 4   |          | -        |          |               | H      | ļ        | 68       | -        |          | $\perp$   |                     | +               | $\vdash \vdash$                           | 4      |       | 118        | $\square$         | $\perp$   | $\perp$           | 1       | Ш             | $\dashv$       | $\dashv$                |
|          | 19          | <u> </u>                               | $\sqcup$ | $\dashv$  | <b>-</b> | +-       |          |               |        |          | 69       | -        |          | 4-4       |                     |                 |   | -      |       | 119        |                   | $\dashv$  | - -               | 4       | $\sqsubseteq$ | _              |                         |
|          | 20          | -                                      |          | - -   | - -      | -        | -        |               | ł      |          | 70       |          | _        | +         |                     | +-              | -   | 4      |       | 120        | $\vdash$          | -         | - -               | 4       | Н             | _              |                         |
|          | 21          | ├-                                     |          |   | +        | —        | $\sqcup$ | $\perp$       |        |          | 71       | $\dashv$ | _        | +         | _                   | +               |   | -      |       | 121        | $\vdash$          | +         | +                 | $\perp$ | Н             | $\dashv$       | +                       |
| <u> </u> | 22          | ├                                      | -        | _   | -        | ╁        | $\vdash$ | _             |        |          | 72       | _        | _        | +         |                     | $\perp$         |   | 4      |       | 122        | $\vdash$          | +         | -                 | +       | Н             | $\dashv$       | $-\!\!\!\!+\!\!\!\!\!-$ |
| <u> </u> | 23          | ├                                      | $\vdash$ |   | -        | +-       | $\vdash$ |               | -      |          | 73       | -        | _        | +         | _                   |                 | -   | -      |       | 123        | $\dashv$          | -         |                   | 1       | $\vdash$      | -              |                         |
|          | 24<br>25    | ┝                                      | -        |   | -        | _        | $\vdash$ | _             | -      |          | 74<br>75 | -        |          | +         | _                   | +               |   | -      |       | 124        | $\dashv$          | -         | -                 | +       | Н             | _              | $\dashv$                |
|          | 26          | ⊢                                      |          |   |          | +        | $\vdash$ |               | 1      |          | 76       | +        |          | +         | -                   | +               |   | -      |       | 125        | $\dashv$          | +         | -                 | +       | Н             | -              |                         |
| $\vdash$ | 27          | ├                                      | $\vdash$ |   |          | +-       | $\vdash$ | +             | 1      |          | 77       |          |          | -         |                     | +-              |   | -      |       | 126<br>127 | $\dashv$          | _         |                   | ╁       |               | _              |                         |
| -        | 28          | ├                                      | $\vdash$ |   |          | +-       | $\vdash$ |               | 1      | _        | 78       | -        |          | +         | -                   | +               |   | -      |       | 128        | -                 |           |                   | ╁       | Н             | -              |                         |
|          | 29          | ┢                                      | $\vdash$ | -   | +        | +        | $\vdash$ | +             |        |          | 79       | +        | +        | +         | +                   | +               | +   | -      | -     | 129        | $\dashv$          |           | +                 | +       | Н             | $\dashv$       | +                       |
| -        | 30          | ┢                                      | Н        | -   | +        | +        | Н        | +             | 1      |          | 80       | +        | +        | +         | +                   | +               | -   | -      |       | 130        | $\overline{}$     | -         | +                 | +       | -             | $\dashv$       | +                       |
|          | 31          | $\vdash$                               | Н        | -   | +        |          | H        | _             | 1      |          | 81       | +        | +        | +         | $\dashv$            | +               | <del></del>                               | -      |       | 131        |                   |           | - -               | +       | -             | -              | +                       |
|          | 32          | ┢                                      | Н        | $\dashv$  | +        | +        | Н        | +             | l      |          | 82       | -        |          | +-        |                     |                 |   | -      |       | 132        |                   |           | +                 | +       | $\vdash$      | -              |                         |
| $\vdash$ | 33          | $\vdash$                               | H        | +   | +        | +        | H        | -             | 1      |          | 83       | $\dashv$ | +        | $\vdash$  | -                   | -               | -   | 1::::  |       | 133        | $\vdash \vdash$   | $\dashv$  | +                 | +-      | $\vdash$      | -              | +                       |
| $\vdash$ | 34          | $\vdash$                               | Н        | $\dashv$  | +        |          | H        | $\dashv$      | 1      |          | 84       | +        | +        | +         |                     | +               |   | 1      |       | 134        | $\dashv$          |           | +                 | +       | $\vdash$      |                | +                       |
| М        | 35          | $\vdash$                               | H        | +   | $\top$   | †        | H        |               | 1      |          | 85       |          | $\vdash$ | +         | -                   | _               | $\vdash$                                  | 1      |       | 135        | $\vdash$          | $\dashv$  | $\top$            | ┼─      | М             | $\dashv$       | $\dashv$                |
|          | 36          | T                                      | Н        | $\dashv$  | $\top$   |          | H        | $\neg \vdash$ |        |          | 86       | $\dashv$ | 1        | $\forall$ | $\neg \uparrow$     | $\dashv \dashv$ |   |        |       | 136        | $\vdash \uparrow$ | $\dashv$  | $\top$            | ╅       | Н             | $\neg \dagger$ | $\neg$                  |
| М        | 37          | <u> </u>                               | $\sqcap$ | $\top$  | $\top$   | $\top$   | П        | $\dashv$      |        |          | 87       | $\top$   | +        | $\sqcap$  | -                   |                 |   | 1      |       | 137        | $\vdash$          |           | 十                 | +-      | $\vdash$      | $\dashv$       | $\dashv$                |
|          | 38          | $\vdash$                               | $\vdash$ | $\dashv$  | $\top$   | $\top$   | П        | $\neg$        | 1      |          | 88       | $\neg$   | 1        | $\top$    | _                   | _               |   |        |       | 138        | 1                 | $\dashv$  | $\top$            | $\top$  | $\vdash$      |                | $\top$                  |
|          | 39          | Γ                                      |          | _   | 1        | T        |          |               | 1      |          | 89       |          | _        | -         | _                   |                 |   | 1      |       | 139        | $\Box$            | 十         | 1                 | T       | П             |                | $\top$                  |
|          | 40          | $\vdash$                               | П        | $\dashv$  |          | $\top$   |          | $\neg \vdash$ | 1      |          | 90       |          | $\top$   | П         | $\neg$              |                 |   | 1      |       | 140        |                   |           | +                 | 1       | П             |                | $\top$                  |
|          | 41          |  | П        | 7   |          |          | П        |               | 1::::: |          | 91       |          |          | П         | $\neg$              | $\top$          |   | 1      |       | 141        |                   |           |                   |         | П             |                | $\top$                  |
|          | 42          |  |          | $\dashv$  |          | T        | П        | $\neg \vdash$ | 1      |          | 92       |          | $\top$   | П         | $\neg$              | $\top$          |   | 1      |       | 142        | $\Box$            | T         |                   | T       | П             | $\neg$         | $\neg$                  |
|          | 43          |  |          |   |          |          | П        | $\neg$        | 1      |          | 93       |          | $\neg$   | $\top$    | $\neg$              |                 |   | 1      |       | 143        | $\Box$            | $\exists$ |                   | $\top$  | П             |                | $\neg$                  |
|          | 44          |  |          |   |          |          |          |               |        |          | 94       |          |          | П         |                     |                 |   |        |       | 144        |                   |           |                   |         |               |                | $\supset$               |
|          | 45          |  |          | _   |          |          |          |               | ]      |          | 95       |          |          | П         |                     |                 |   | ]!!!!  |       | 145        |                   |           |                   |         |               |                | $\neg \vdash$           |
|          | 46          |  |          |   |          |          |          |               |        |          | 96       | $\neg$   |          |           |                     |                 |   | ]      |       | 146        |                   |           |                   |         |               |                | $\top$                  |
|          | 47          | Ĺ                                      |          |   |          |          |          |               |        |          | 97       |          |          |           |                     |                 |   |        |       | 147        | _1                |           |                   | L       |               |                | J                       |
|          | 48          |  |          | T   | T        |          |          |               | ]      |          | 98       |          | T        |           |                     |                 |   | ];;;;[ |       | 148        |                   | $\Box$    | $\prod_{i=1}^{n}$ |         |               |                | $\perp$                 |
|          | 49          |  |          |   |          |          |          |               |        |          | 99       | $\Box$   |          |           |                     |                 |   |        |       | 149        |                   |           | $\mathbf{I}^{-}$  |         |               |                |                         |
|          | 50          |  |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |          |          |               | ][     |          | 100      |          |          |           |                     |                 |   |        |       | 150        |                   | $\top$    |                   |         |               |                |                         |